

810 Invoice

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:

1. Finance and accounting offices, invoicing (billing) offices and other offices use this transaction set to forward DoD Defense Logistics Management System (DLMS) invoices for material and related services exchanged between DoD components and other participating Federal Agencies.

2. Use a single occurrence of this transaction set to bill or provide adjustments for one or more items provided to a single paying (bill-to) office under DLMS procedures. The transaction set may include multiple allowances and charges related to those lines of billing or to the invoice as a whole. Use one occurrence of this transaction set to transmit single or multiple transactions.

3. The total number of IT1 and SAC segments may not exceed 495.

Heading:

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.Use</u>	<u>Loop</u>	<u>Notes and</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>		<u>Repeat</u>	<u>Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIG	Beginning Segment for Invoice	M	1		
	030	NTE	Note/Special Instruction	O	100		
Not Used	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Identification	O	12		
Not Used	055	YNQ	Yes/No Question	O	10		
	060	PER	Administrative Communications Contact	O	3		
LOOP ID - N1						200	
	070	N1	Name	O	1		
Not Used	080	N2	Additional Name Information	O	2		
Not Used	090	N3	Address Information	O	2		
Not Used	100	N4	Geographic Location	O	1		
Not Used	110	REF	Reference Identification	O	12		
Not Used	120	PER	Administrative Communications Contact	O	3		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
	140	DTM	Date/Time Reference	O	10		
Not Used	150	FOB	F.O.B. Related Instructions	O	1		

810L - Invoice (Interfund Invoice)

Not Used	160	PID	Product/Item Description	O	200	
Not Used	170	MEA	Measurements	O	40	
Not Used	180	PWK	Paperwork	O	25	
Not Used	190	PKG	Marking, Packaging, Loading	O	25	
Not Used	200	L7	Tariff Reference	O	1	
	210	AT	Financial Accounting	O	>1	
Not Used	212	BAL	Balance Detail	O	2	n1
Not Used	213	INC	Installment Information	O	1	
LOOP ID - LM					10	
	220	LM	Code Source Information	O	1	
Must Use	230	LQ	Industry Code	M	100	
LOOP ID - N9					1	
Not Used	240	N9	Reference Identification	O	1	
Not Used	250	MSG	Message Text	M	10	
LOOP ID - V1					>1	
Not Used	260	V1	Vessel Identification	O	1	
Not Used	270	R4	Port	O	>1	
Not Used	280	DTM	Date/Time Reference	O	>1	

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - IT1						200000	
	010	IT1	Baseline Item Data (Invoice)	O	1		
Not Used	012	CRC	Conditions Indicator	O	1		
	015	QTY	Quantity	O	5		n2
Not Used	020	CUR	Currency	O	1		
Not Used	030	IT3	Additional Item Data	O	5		
Not Used	040	TXI	Tax Information	O	10		
Not Used	050	CTP	Pricing Information	O	25		
Not Used	055	PAM	Period Amount	O	10		
Not Used	059	MEA	Measurements	O	40		
LOOP ID - PID						1000	
Not Used	060	PID	Product/Item Description	O	1		
Not Used	070	MEA	Measurements	O	10		
Not Used	080	PWK	Paperwork	O	25		
Not Used	090	PKG	Marking, Packaging, Loading	O	25		
Not Used	100	PO4	Item Physical Details	O	1		
Not Used	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
	120	REF	Reference Identification	O	>1		
Not Used	125	YNQ	Yes/No Question	O	10		
Not Used	130	PER	Administrative Communications Contact	O	5		
Not Used	140	SDQ	Destination Quantity	O	500		
	150	DTM	Date/Time Reference	O	10		
	160	CAD	Carrier Detail	O	>1		
Not Used	170	L7	Tariff Reference	O	>1		

810L - Invoice (Interfund Invoice)

Not Used	175	SR	Requested Service Schedule	O	1		
	176	AT	Financial Accounting	O	>1		
			LOOP ID - SAC			25	
	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	190	TXI	Tax Information	O	10		
			LOOP ID - SLN			1000	
Not Used	200	SLN	Subline Item Detail	O	1		
Not Used	210	REF	Reference Identification	O	>1		
Not Used	220	PID	Product/Item Description	O	1000		
Not Used	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	235	TC2	Commodity	O	2		
Not Used	237	TXI	Tax Information	O	10		
			LOOP ID - N1			200	
	240	N1	Name	O	1		
Not Used	250	N2	Additional Name Information	O	2		
Not Used	260	N3	Address Information	O	2		
Not Used	270	N4	Geographic Location	O	1		
Not Used	280	REF	Reference Identification	O	12		
Not Used	290	PER	Administrative Communications Contact	O	3		
			LOOP ID - LM			10	
	300	LM	Code Source Information	O	1		
Must Use	310	LQ	Industry Code	M	100		
			LOOP ID - V1			>1	
Not Used	320	V1	Vessel Identification	O	1		
Not Used	330	R4	Port	O	>1		
Not Used	340	DTM	Date/Time Reference	O	>1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	TDS	Total Monetary Value Summary	M	1		
Not Used	020	TXI	Tax Information	O	10		
Not Used	030	CAD	Carrier Detail	O	1		
			LOOP ID - SAC			25	
	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	050	TXI	Tax Information	O	10		
			LOOP ID - ISS			>1	
Not Used	060	ISS	Invoice Shipment Summary	O	1		
Not Used	065	PID	Product/Item Description	O	1		
	070	CTT	Transaction Totals	O	1		n3
Must Use	080	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The BAL segment is to be used only if the code in BIG07 indicates that the transaction is a ``Monthly Adjustment"or ``Special Handling Adjustment" invoice.
2. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.
3. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			810 X12.2 Invoice	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

- 1 BIG01 is the invoice issue date.
- 2 BIG03 is the date assigned by the purchaser to purchase order.
- 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments:

- 1 BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BIG01	373	Date	M DT 6/6
			Date (YYMMDD)	
			<i>This data corresponds to the universal time coordinate (UTC).</i>	
Must Use	BIG02	76	Invoice Number	M AN 1/22
			Identifying number assigned by issuer	
			<i>Must use to uniquely identify the invoice transaction to an issuer. The invoice number may not be duplicated by an issuer within a calendar year.</i>	
Not Used	BIG03	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	BIG04	324	Purchase Order Number	O AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	
Not Used	BIG05	328	Release Number	O AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
Not Used	BIG06	327	Change Order Sequence Number	O AN 1/8
			Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	
Must Use	BIG07	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
			CA Cash	
			<i>Use to indicate noninterfund bill. These invoices are requests for payment, and require the billed office to pay by check or otherwise take action to reimburse the billing office.</i>	

			PP	Prepaid Invoice	
				<i>Use to indicate DoD interfund bills. These invoices are not requests for payment, but notices to the billed office that its funds have been disbursed and the invoice paid.</i>	
Must Use	BIG08	353	Transaction Set Purpose Code		O ID 2/2
			Code identifying purpose of transaction set		
			00	Original	
				<i>Use to identify the transaction as an original invoice.</i>	
			77	Simulation Exercise	
				<i>Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.</i>	
	BIG09	306	Action Code		O ID 1/2
			Code indicating type of action		
			I	Reissue	
				<i>Use to identify a transaction as a re-submission of an original invoice. If appropriate, the re-submitted invoice may be processed as an original.</i>	
Not Used	BIG10	76	Invoice Number		O AN 1/22
			Identifying number assigned by issuer		

Segment: **NTE** Note/Special Instruction
Position: 030
Loop:
Level: Heading
Usage: Optional
Max Use: 100
Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Syntax Notes:**Semantic Notes:**

Comments: **1** The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Notes: *Use only to identify exception data associated with the transaction set. Use only during extraordinary situations requiring manual intervention in the processing routine.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
NTE01	363	Note Reference Code	O ID 3/3
		Code identifying the functional area or purpose for which the note applies	
		OTH Other Instructions	
Must Use	NTE02	352 Description	M AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:****Notes:**

1. Use is recommended for noninterfund bills to identify the person in the invoicing activity, the bill-to party or other party to contact for further information on the invoice or one of its billing lines. Use for interfund bills only under exceptional circumstances when requiring direct communication with the party originating the transaction set.

2. Use multiple repetitions to identify a point of contact (POC) and multiple communication numbers. When using multiple repetitions to identify different communication numbers for a single POC, repeat the name cited in PER02.

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	PER01	366 Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		IC Information Contact	
	PER02	93 Name	O AN 1/35
		Free-form name	
		<i>Provide the last name, first name, middle initial, and rate/rank/title, as required, of the individual named as POC. Include blank spaces between name components and periods after initials. Do not include NMN or NMI when a middle initial is not available.</i>	
	PER03	365 Communication Number Qualifier	X ID 2/2
		Code identifying the type of communication number	
		<i>1. Use to identify the preferred method of communication in the first repetition. Use PER05/6 and PER07/8 to identify additional communication numbers. Use additional repetitions of the PER segment to identify more than three numbers.</i>	
		<i>2. Do not include blank spaces, dashes, or parentheses between numbers.</i>	
		AU Defense Switched Network	

			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
			<i>Use to identify the DSN telephone number.</i>
	EM		Electronic Mail
	FX		Facsimile
			<i>Use to identify the facsimile (FAX) telephone number.</i>
	IT		International Telephone
			<i>Include country and city code.</i>
	TE		Telephone
			<i>Use to identify the commercial telephone number. Include the area code and number.</i>
	TL		Telex
	TX		TWX
PER04	364	Communication Number	X AN 1/80
			Complete communications number including country or area code when applicable
PER05	365	Communication Number Qualifier	X ID 2/2
			Code identifying the type of communication number
			<i>1. Use to identify an alternate, or secondary, communications number which can be used to contact the specified POC.</i>
			<i>2. Do not include blank spaces or dashes between numbers.</i>
	AU		Defense Switched Network
			Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
			<i>Use to identify the DSN telephone number.</i>
	EM		Electronic Mail
	EX		Telephone Extension
			<i>Use in conjunction with code AU, IT, or TE to identify the telephone extension.</i>
	FX		Facsimile
			<i>Use to identify the facsimile (FAX) telephone number.</i>
	IT		International Telephone
			<i>Include country and city code.</i>
	TE		Telephone
			<i>Use to identify the commercial telephone number. Include the area code and number.</i>
	TL		Telex

			TX	TWX		
	PER06	364	Communication Number		X	AN 1/80
			Complete communications number including country or area code when applicable			
	PER07	365	Communication Number Qualifier		X	ID 2/2
			Code identifying the type of communication number			
			<i>1. Use to identify an alternate, or secondary method of communications which can be used to contact the specified POC.</i>			
			<i>2. Do not include blank spaces or dashes between numbers.</i>			
			AU	Defense Switched Network		
				Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)		
				<i>Use to identify the DSN telephone number.</i>		
			EM	Electronic Mail		
			EX	Telephone Extension		
				<i>Use in conjunction with code AU, IT, or TE to identify the telephone extension.</i>		
			FX	Facsimile		
				<i>Use to identify the facsimile (FAX) telephone number.</i>		
			IT	International Telephone		
				<i>Include country and city code.</i>		
			TE	Telephone		
				<i>Use to identify the commercial telephone number. Include the area code and number.</i>		
			TL	Telex		
			TX	TWX		
	PER08	364	Communication Number		X	AN 1/80
			Complete communications number including country or area code when applicable			
Not Used	PER09	443	Contact Inquiry Reference		O	AN 1/20
			Additional reference number or description to clarify a contact number			

Segment:	N1 Name
Position:	070
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Must use this 1/N1/070 loop to identify the issuer of the invoice and the bill-to party.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		BT Bill-to-Party	
		<i>Must use to identify the billed office.</i>	
		II Issuer of Invoice	
		<i>Must use to identify the billing office.</i>	
		PK Party to Receive Copy	
		<i>Use to identify the recipient of information or duplicate copies.</i>	
		RI Remit To	
		<i>Use to identify the party or address to receive remittance when the party or address is not the same as the issuer of the invoice.</i>	
N102	93	Name	X AN 1/35
		Free-form name	
		<i>Use only to indicate the clear text name of the remit-to address and only when the remit-to address has not been assigned an identification code (DoDAAC, DUNS, or DUNS + 4). When using, do not use N103 and N104.</i>	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	

		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
		10	Department of Defense Activity Address Code (DODAAC)		
		M4	Department of Defense Routing Identifier Code (RIC)		
			An integral and predetermined participant in an established logistical system performing general logistic control, distribution, and storage functions		
	N104	67	Identification Code	X	AN 2/20
			Code identifying a party or other code		
Not Used	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
	N106	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
		FR	Message From		
			<i>Use in conjunction with 1/N101/070 code II to indicate the organization cited in N104 is originating the transaction set.</i>		
		TO	Message To		
			<i>Use in conjunction with 1/N101/070 code BT to indicate the organization cited in N104 is receiving the transaction set.</i>		

Segment: **DTM** Date/Time Reference
Position: 140
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 097 Transaction Creation <i>Use to identify the date the transaction was re-submitted.</i>	M ID 3/3
Must Use	DTM02	373	Date Date (YYMMDD)	X DT 6/6
Not Used	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
	DTM05	624	Century The first two characters in the designation of the year (CCYY)	O N0 2/2
Not Used	DTM06	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM07	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment: **AT** Financial Accounting
Position: 210
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To transmit financial accounting data
Syntax Notes: 1 If AT10 is present, then AT01 is required.
Semantic Notes:
Comments: 1 AT09 identifies unique local activity financial accounting information.
Notes:

1. *Use this 1/AT/210 segment to identify accounting data related to the appropriation reimbursed, as required. When the accounting data for the appropriation disbursed applies to all or most of the table 2 iterations, use this 1/AT/210 segment to also identify the accounting data for the appropriation disbursed.*
2. *DLMS users see the Accounting Classification Appendix for specific data entries for AT02 and AT09.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	AT01	1271 Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	
		<i>Use to identify the DLMS Fund Purpose Code. Use code CR or DR. Both CR and DR are required when BIG07 is PP, otherwise, only DR is required.</i>	
Must Use	AT02	1282 Treasury Symbol Number	O AN 7/21
		Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure	
		<i>Use to identify the basic appropriation number.</i>	
	AT03	1283 Budget Activity Number	O AN 1/16
		Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure	
		<i>Use to identify the fund code when BIG07 is PP.</i>	
Not Used	AT04	1284 Object Class Number	O AN 3/12
		Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure	
Not Used	AT05	1285 Reimbursable Source Number	O AN 1/3
		Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure	

Not Used	AT06	1286	Transaction Reference Number	O	AN 4/20
			Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure		
	AT07	1287	Accountable Station Number	O	AN 3/8
			Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure		
			<i>Use to identify the Authorized Accounting Station (AAA), Accounting station Disbursing Station Number (ADSN), or the Fiscal Station Number (FSN).</i>		
Not Used	AT08	1288	Paying Station Number	O	AN 8/14
			Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure		
	AT09	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		
			<i>Cite supplemental accounting classification data.</i>		
Not Used	AT10	1270	Code List Qualifier Code	O	ID 1/3
			Code identifying a specific industry code list		

Segment: **LM** Code Source Information

Position: 220

Loop: LM Optional

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To transmit standard code list identification information

Syntax Notes:

Semantic Notes:

Comments: 1 LM02 identifies the applicable industry code list source information.

Notes: *Use this 1/LM/220 loop to identify Agency unique coded data when any specific LQ01 qualifier code (e.g., 61) applies to all or most of the table 2 iterations. For any specific table 2 iteration where the Agency code is to differ from the one indicated in table 1, use the 2/LM/300 loop and specify the matching qualifier in LQ01 and the different Agency code in LQ02. The code will override the table 1 Agency code for the current table 2 iteration. Do not cite any qualifier code in 1/LQ/230 that does not apply to all the table 2 iterations. (Codes subject to override: 0, 61, A9, DE, and DG.)*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 230
Loop: LM Optional
Level: Heading
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
Must Use	LQ01	1270	Code List Qualifier Code	O	ID 1/3
			Code identifying a specific industry code list		
		0	Document Identification Code		
			Codes that subclassify a transaction		
		61	Information Indicator Code		
			Codes that convey special information to offices receiving an interfund bill		
			<i>Use to indicate the information indicator.</i>		
		85	Country and Activity Code		
			Countries, international organizations, and accounts that could receive material or services under the Foreign Military Sales System and through Military Assistance Program Grant Aid		
			<i>Use to identify the country code.</i>		
		A9	Supplementary Address		
			Identifies the originating organization's unique logistics information		
			<i>Use only for intra-service or agency transactions to identify service or agency-unique data as required.</i>		
		DE	Signal Code		
		DG	Fund Code		
Must Use	LQ02	1271	Industry Code	X	AN 1/30
			Code indicating a code from a specific industry code list		
			<i>Only DI codes FS1, FS2, GS1, or GS2 may be cited. If BIG07 is CA may be GS1 or GS2. If BIG07 is PP may be FS1 or FS2.</i>		

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 010
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Syntax Notes:

- 1 If any of IT102 IT103 or IT104 is present, then all are required.
- 2 If either IT106 or IT107 is present, then the other is required.
- 3 If either IT108 or IT109 is present, then the other is required.
- 4 If either IT110 or IT111 is present, then the other is required.
- 5 If either IT112 or IT113 is present, then the other is required.
- 6 If either IT114 or IT115 is present, then the other is required.
- 7 If either IT116 or IT117 is present, then the other is required.
- 8 If either IT118 or IT119 is present, then the other is required.
- 9 If either IT120 or IT121 is present, then the other is required.
- 10 If either IT122 or IT123 is present, then the other is required.
- 11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes: 1 IT101 is the purchase order line item identification.

Comments:

- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
- 2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes:

1. Must use one or more iterations of the 2/IT1/010 loop to provide billing data for a specific item or line of billing. Allowances or charges identifiable to a specific item or line of billing will be included in that line's 2/SAC/180 loop. Invoice level allowances or charges; that is, allowances or charges not identifiable to a specific item or line of billing, will be included in the 3/SAC/040 loop.

2. Each line of billing (i.e., each 2/IT1/010 loop) must cite a unique transaction number for reference purposes. Use the requisition document number or purchase order number associated with the line of billing as the unique transaction number.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	IT101	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
			<i>Use as a counter to identify the invoice billing line number of 2/IT1/010 loop iterations. In the first 2/IT1/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i>	
Must Use	IT102	358	Quantity Invoiced	X R 1/10

Number of units invoiced (supplier units)

Express as a whole number with no decimals. For no charge material, indicate 0 (zero) quantity.

Must Use IT103 355 Unit or Basis for Measurement Code X ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use to identify the unit of issue (see DLMS manual, Volume 1, Appendix 10D for available codes).

2. Use UL when a unit of issue is not appropriate.

Must Use IT104 212 Unit Price X R 1/17

Price per unit of product, service, commodity, etc.

Use the billing unit price, including those cases wherein the item was issued either without charge or on a nonreimbursable basis. Use a decimal point to indicate amounts that are not in whole dollars. Use a "0" when the item is issued without charge.

Must Use IT105 639 Basis of Unit Price Code O ID 2/2

Code identifying the type of unit price for an item

Identify the source of unit price data in IT104.

CA Catalog
CT Contract
NC No Charge

Use to indicate nonreimbursable material.

NT Net
Indicates a net unit price
ST Standard
Indicates a standard unit price, including all surcharges

Must Use IT106 235 Product/Service ID Qualifier X ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Use only one of codes A1, A2, A4, FB, FS, FT, MG, or YP to identify material associated with the quantity invoiced.

A1 Plant Equipment Number
Item identifier is a plant equipment number
Use to identify the plant equipment.
A2 Department of Defense Identification Code (DoDIC)
Qualifies a code that uniquely identifies a type of explosive or ammunition
Use to identify ammunition items.
A4 Subsistence Identification Number
Item identifier is a brand-name resale subsistence

			item		
			<i>Use to identify subsistence items.</i>		
		FB	Form Number		
			<i>Use to identify the form stock number.</i>		
		FS	National Stock Number		
			<i>Must use the National Stock Number (NSN) when known.</i>		
		FT	Federal Supply Classification		
			<i>Use to identify nonstandard material when a part number is not available and material can only be identified by description.</i>		
		JP	Package Type Code		
			Packaging method used for manufacturer product		
			<i>Must use when material must meet Outside Continental United States (OCONUS) packaging and preservation requirements. When used, the paired data elements 234 will cite 1 indicating that packaging must meet OCONUS specifications. When not used, Continental United States (CONUS) level specifications are adequate.</i>		
		MG	Manufacturer's Part Number		
			<i>Use to identify nonstandard material.</i>		
		YP	Publication Number		
			<i>Use to identify the publication stock number.</i>		
Must Use	IT107	234	Product/Service ID	X	AN 1/40
			Identifying number for a product or service		
	IT108	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		CN	Commodity Name		
			<i>Use only with IT106 code FT to identify the material name or description.</i>		
		ZB	Commercial and Government Entity (CAGE) Code		
			A code that identifies a commercial contractor authorized to do business with the U.S. government		
			<i>Use only with IT106 code MG to uniquely identify a manufacturer's part number.</i>		
	IT109	234	Product/Service ID	X	AN 1/40
			Identifying number for a product or service		
Not Used	IT110	235	Product/Service ID Qualifier	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

Not Used	IT111	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT112	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT113	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT114	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT115	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT116	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT117	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT118	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT119	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT120	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT121	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT122	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT123	234	Product/Service ID Identifying number for a product or service	X	AN 1/40
Not Used	IT124	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID 2/2
Not Used	IT125	234	Product/Service ID Identifying number for a product or service	X	AN 1/40

Segment: **QTY** Quantity
Position: 015
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier Code specifying the type of quantity BA Due-In An anticipated receipt quantity <i>Use to identify quantities which must be returned when credit or adjustment is provided in advance of receipt.</i>	M ID 2/2
Must Use	QTY02	380	Quantity Numeric value of quantity <i>Express as a whole number with no decimals.</i>	M R 1/15
Must Use	QTY03	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <i>Use to identify the unit of issue for the material to be returned (see DLMS manual, Volume 1, Appendix 10D for available codes).</i>	M ID 2/2
Not Used	C00102	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier	O R 1/10

			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		

Segment:	REF Reference Identification
Position:	120
Loop:	IT1 Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>Must use this 2/REF/120 segment to identify the unique reference number for each 2/IT1/010 loop.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Must use one of the following codes.</i>	M ID 2/3
		16	Military Interdepartmental Purchase Request (MIPR) Number A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement	
		43	Supporting Document Number Supports or clarifies information and values represented in a document <i>Use to identify the order or reference number when different from all others shown.</i>	
		CR	Customer Reference Number <i>Use to identify the customer identification number.</i>	
		CT	Contract Number <i>Use to identify the contract associated with this invoice billing line.</i>	
		TN	Transaction Reference Number <i>Use to identify the requisition or purchase order number.</i>	
		W1	Defense Turn-In Document Number Identifies material submitted for reutilization and marketing	
Must Use	REF02	127	Reference Identification	X AN 1/30

			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	REF03	352	Description	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
	REF04	C040	Reference Identifier	O	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Must Use	C04001	128	Reference Identification Qualifier	M	ID 2/3
			Code qualifying the Reference Identification		
			W8	Suffix	
			Differentiates between partial actions taken on the original transaction		
			<i>Use in conjunction with REF01 code TN to identify the transaction number suffix for a quantity less than the original quantity.</i>		
Must Use	C04002	127	Reference Identification	M	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **DTM** Date/Time Reference

Position: 150

Loop: IT1 Optional

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: **1** At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Notes: *Use one or more iterations of this 2/DTM/150 segment to identify dates associated with the transaction.*

Data Element Summary

Ref.	Data				
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	DTM01	374	Date/Time Qualifier	M	ID 3/3
			Code specifying type of date or time, or both date and time		
		011	Shipped		
			<i>Use to identify the shipment date.</i>		
		035	Delivered		
			<i>Use to identify the delivery date (actual or constructive).</i>		
		168	Release		
			<i>Use to identify the drop from inventory date.</i>		
		231	Progress Payment		
			<i>Use to identify the progress payment bill date.</i>		
		306	Adjustment Effective Date		
			Date on which the adjustment went into effect		
		315	Offset		
			Range of dates for which the subscriber or dependent will be receiving other income		
			<i>Use to identify the progress payment recoupment date.</i>		
		324	Returned		
			<i>Use to identify the material return to inventory date.</i>		
		548	Date of Advance		
			<i>Use to indicate the date of an advanced payment.</i>		
Must Use	DTM02	373	Date	X	DT 6/6
			Date (YYMMDD)		
Not Used	DTM03	337	Time	X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	DTM04	623	Time Code	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
	DTM05	624	Century	O	N0 2/2
			The first two characters in the designation of the year (CCYY)		
Not Used	DTM06	1250	Date Time Period Format Qualifier	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM07	1251	Date Time Period	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment: **CAD** Carrier Detail
Position: 160
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify transportation details for the transaction
Syntax Notes: 1 At least one of CAD05 or CAD04 is required.
 2 If CAD07 is present, then CAD08 is required.

Semantic Notes:

Comments:

Notes: *Must use for Security Assistance Transactions.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CAD01	91	Transportation Method/Type Code Code specifying the method or type of transportation for the shipment <i>Use to identify the mode of shipment. See DLMS Manual, Volume 1, Appendix 10B.</i>	O ID 1/2
Not Used	CAD02	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O AN 1/4
Not Used	CAD03	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O AN 1/10
Not Used	CAD04	140	Standard Carrier Alpha Code Standard Carrier Alpha Code	X ID 2/4
Must Use	CAD05	387	Routing Free-form description of the routing or requested routing for shipment, or the originating carrier's identity <i>Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	X AN 1/35
Not Used	CAD06	368	Shipment/Order Status Code Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	O ID 2/2
Must Use	CAD07	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use only one of codes 08, 97, AW, BL, BM, IZ, K1, K2, K3, SI, or WY to identify the shipment unit number.</i> 08 Carrier Assigned Package Identification Number A reference number assigned by a carrier to uniquely identify a single package	O ID 2/3

	<i>Use to identify the shipment unit small package identification number when no other number available.</i>
97	Package Number A serial number indicating unit shipped <i>Use to identify to identify the shipment unit package identification number.</i>
AW	Air Waybill Number <i>Use to identify the shipment unit air waybill number.</i>
BL	Government Bill of Lading <i>Use to identify the government bill of lading (e.g., not through a CONUS regional freight consolidation center) to a CONUS destination.</i>
BM	Bill of Lading Number <i>Use to identify the shipment unit commercial bill of lading number.</i>
IZ	Insured Parcel Post Number Number assigned to control an insured parcel post shipment from shipper to consignee <i>Use to identify the shipment unit insured parcel post number.</i>
K1	Foreign Military Sales Notice Number Number assigned to control a foreign military sales shipment from shipper to consignee <i>Use for Foreign Military Sales (FMS) shipments made on a commercial bill of lading or commercial collect bill of lading to identify the shipment unit FMS notice number.</i>
K2	Certified Mail Number Number assigned by U.S. Postal Service (USPS) to monitor the movement of certified mail from point of acceptance by USPS to point of delivery <i>Use to identify the shipment unit certified mail number.</i>
K3	Registered Mail Number Number assigned by U.S. Postal Service (USPS) to monitor the movement of mail from point of acceptance by USPS to point of delivery <i>Use to identify the shipment unit registered parcel post number.</i>
SI	Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment

Use to identify the shipment unit express mail number.

WY

Waybill Number

Use to identify the shipment unit waybill number.

Must Use	CAD08	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	CAD09	284	Service Level Code	O	ID 2/2
			Code indicating the level of transportation service or the billing service offered by the transportation carrier		

Segment: **AT** Financial Accounting
Position: 176
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To transmit financial accounting data
Syntax Notes: 1 If AT10 is present, then AT01 is required.
Semantic Notes:
Comments: 1 AT09 identifies unique local activity financial accounting information.
Notes: 1. Use multiple repetitions to identify the fund purpose code, appropriation, and/or fund code for goods, services, and related adjustments.
2. Refer to the DLMS manual, Volume I, Appendix 10I for specific data entries for AT02 and AT09.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	AT01	1271	Industry Code	X AN 1/30
			Code indicating a code from a specific industry code list	
			<i>Use to identify the DLMS Fund Purpose Code. Use only code DR.</i>	
Must Use	AT02	1282	Treasury Symbol Number	O AN 7/21
			Number identifying a department, fiscal year, treasury account number, and appropriation limit for a standard accounting classification coding structure	
			<i>Use to identify the basic appropriation number.</i>	
	AT03	1283	Budget Activity Number	O AN 1/16
			Number identifying an administrative subdivision of funds against which a transaction is to be charged for a standard accounting classification coding structure	
			<i>Use to identify the DLMS fund code.</i>	
Not Used	AT04	1284	Object Class Number	O AN 3/12
			Number identifying the nature of the goods or services acquired and a specific office or organization using resources for a standard accounting classification coding structure	
Not Used	AT05	1285	Reimbursable Source Number	O AN 1/3
			Number identifying the source of an appropriation or fund reimbursement for a standard accounting classification coding structure	
Not Used	AT06	1286	Transaction Reference Number	O AN 4/20
			Number identifying an original request for goods and services to the matching financial transaction for a standard accounting classification coding structure	
	AT07	1287	Accountable Station Number	O AN 3/8

Number identifying an office responsible for entering a financial transaction into the applicable accounting system for a standard accounting classification coding structure

Use to identify the Authorized Accounting Activity (AAA), Accounting Disbursing Station Number (ASDN), or Fiscal Station Number (FSN).

Not Used	AT08	1288	Paying Station Number	O	AN 8/14
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Number identifying an office responsible for making a payment or collection and the corresponding voucher number under which the action was taken for a standard accounting classification coding structure

	AT09	352	Description	O	AN 1/80
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A free-form description to clarify the related data elements and their content

Cite supplemental accounting classification data.

Not Used	AT10	1270	Code List Qualifier Code	O	ID 1/3
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Code identifying a specific industry code list

Segment: **SAC** **Service, Promotion, Allowance, or Charge Information**

Position: 180

Loop: SAC Optional

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *Use only for credit and allowance amounts identifiable to a specific line of billing.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			A Allowance	
			C Charge	
Must Use	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	

			A170	Adjustments <i>Use only to identify an adjustment not specified by any other code.</i>		
			C300	Discount - Special <i>Use for cash discounts.</i>		
			C930	Export Shipping Charge		
			D350	Goods and Services Credit Allowance <i>Use for retail loss allowances.</i>		
			F060	Other Accessorial Service Charge <i>Use for accessorial costs.</i>		
			F560	Premium Transportation		
			F650	Preparation <i>Use for packing, crating, and handling.</i>		
			F670	Price and Marketing Allowance <i>Use for sales price reductions.</i>		
			I170	Trade Discount		
			I260	Transportation Direct Billing <i>Use for non-premium transportation.</i>		
Not Used	SAC03	559	Agency Qualifier Code		X	ID 2/2
			Code identifying the agency assigning the code values			
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code		X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge			
Must Use	SAC05	610	Amount		O	N2 1/15
			Monetary amount			
Not Used	SAC06	378	Allowance/Charge Percent Qualifier		X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated			
Not Used	SAC07	332	Percent		X	R 1/6
			Percent expressed as a percent			
Not Used	SAC08	118	Rate		O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified			
Not Used	SAC09	355	Unit or Basis for Measurement Code		X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
Not Used	SAC10	380	Quantity		X	R 1/15
			Numeric value of quantity			
Not Used	SAC11	380	Quantity		O	R 1/15
			Numeric value of quantity			
Not Used	SAC12	331	Allowance or Charge Method of Handling Code		O	ID 2/2

			Code indicating method of handling for an allowance or charge	
Not Used	SAC13	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	SAC14	770	Option Number	O AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered	
Not Used	SAC15	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	N1 Name
Position:	240
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Use the 2/N1/240 loop as needed to identify the organization to receive the product.</i>

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	N101	98 Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	
		ST Ship To	
		<i>Use to identify the organization to receive the product if other than the billed organization.</i>	
Not Used	N102	93 Name	X AN 1/35
		Free-form name	
Must Use	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10 Department of Defense Activity Address Code (DODAAC)	
Must Use	N104	67 Identification Code	X AN 2/20
		Code identifying a party or other code	
Not Used	N105	706 Entity Relationship Code	O ID 2/2
		Code describing entity relationship	
Not Used	N106	98 Entity Identifier Code	O ID 2/2
		Code identifying an organizational entity, a physical location, or an individual	

Segment: **LM** **Code Source Information**
Position: 300
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Comments: 1 LM02 identifies the applicable industry code list source information.
Notes: *Must use this 2/LM/300 loop to identify information maintained in Department or Agency documentation.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LM01	559	Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822	Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 310
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Comments:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		0 Document Identification Code	
		Codes that subclassify a transaction	
		<i>Must use.</i>	
		36 Air Terminal Identifier Code	
		Identifies the name and location of air terminals worldwide	
		37 Water Terminal Identifier Code	
		Identifies water ports worldwide	
		54 Type of Bill Code	
		The purpose of the billing	
		<i>Use to indicate the billing purpose.</i>	
		57 Delivery Source Code	
		Codes that provide an audit trail between performance and pricing requirements	
		<i>Use to identify FMS shipment information.</i>	
		58 Transportation Bill Code	
		Earnings for "below-the-line" transportation of material	
		<i>Use to identify FMS customer below-the-line transportation cost billing information.</i>	
		59 Stock Fund or Non-stock Fund Code	
		The financing appropriation or a stock fund	
		<i>Use to identify the appropriation or a stock fund for FMS transactions.</i>	
		60 General Services Administration (GSA) Customer	

	Supply Center Number Code
	GSA customer supply centers
61	Information Indicator Code
	Codes that convey special information to offices receiving an interfund bill
71	Service and Agency Code
	Military services, defense agencies, and certain civilian agencies of the United States Government
	<i>Use only for FMS to identify the customer country's requisitioning Service code: B, D, or P.</i>
78	Project Code
	Codes that relate a transaction to special programs, exercises, projects, operations, or other purposes
95	Offer and Release Option Code
	Allows countries participating in the Foreign Military Sales Program to advise supply sources whether or not prior notice to country representatives or freight forwarders is required before shipment
	<i>Use only for FMS.</i>
97	Ultimate Recipient Code
	The ultimate receiver or buyer of material for reimbursement purposes
A4	Case Designator Number
	The case that a Foreign Military Sales transaction supports
	<i>Use only for FMS to identify the FMS case designator for the requisition.</i>
A5	Subcase Number
	The line item or subcase that a Foreign Military Sales transaction supports
A6	Freight Forwarder Number
	Representatives designated by a country to accomplish or control shipments of Foreign Military Sales material
	<i>Use only for FMS to identify the country representative or freight forwarder.</i>
A7	Record Control Number
	A line item of the International Logistics Program
A9	Supplementary Address
	Identifies the originating organization's unique logistics information
	<i>Use only for intra-service or agency transactions to identify service or agency-unique data as required.</i>

		CF	Major Force Program Code The source of funding for major programs <i>Use only for into plane issues to identify the major force program of the organization involved in into plane refueling bills.</i>	
		CG	Aircraft Mission Design Series Code Types of aircraft <i>Use only for into plane issues.</i>	
		CH	Type of Issue Code An issue, defueling, or service <i>Use only for into plane issues.</i>	
		DE	Signal Code	
LQ02	1271	Industry Code		X AN 1/30
			Code indicating a code from a specific industry code list	

Segment: **TDS** Total Monetary Value Summary
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes:

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

Comments:

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	TDS01	610	Amount	M N2 1/15
			Monetary amount	
			<i>Used to identify the net amount of all credits, charges, and allowances excluding terms (payment) discounts.</i>	
Not Used	TDS02	610	Amount	O N2 1/15
			Monetary amount	
Not Used	TDS03	610	Amount	O N2 1/15
			Monetary amount	
			<i>Use to identify the final net amount of the invoice. It is the arithmetic sum of TDS01 less any authorized terms (payment) discounts.</i>	
	TDS04	610	Amount	O N2 1/15
			Monetary amount	
			<i>Use to identify the amount of terms (payment) discounts taken.</i>	

Segment:	SAC Service, Promotion, Allowance, or Charge Information
Position:	040
Loop:	SAC Optional
Level:	Summary
Usage:	Optional
Max Use:	1
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of SAC02 or SAC03 is required. 2 If either SAC03 or SAC04 is present, then the other is required. 3 If either SAC06 or SAC07 is present, then the other is required. 4 If either SAC09 or SAC10 is present, then the other is required. 5 If SAC11 is present, then SAC10 is required. 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required. 7 If SAC14 is present, then SAC13 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required. 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence. 3 SAC08 is the allowance or charge rate per unit. 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge. 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used. 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
Comments:	<ol style="list-style-type: none"> 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02. 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.
Notes:	<i>Use for allowances or credits which cannot be identified to any specific line of billing within the entire invoice.</i>

Data Element Summary

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
Must Use	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
		A	Allowance	
		C	Charge	
Must Use	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4

Code identifying the service, promotion, allowance, or charge

A170 Adjustments

Use only to identify an adjustment not specified by any other code.

C300 Discount - Special

Use for cash discounts.

C930 Export Shipping Charge

D350 Goods and Services Credit Allowance

Use for retail loss allowances.

F060 Other Accessorial Service Charge

Use for accessorial costs.

F560 Premium Transportation

F650 Preparation

Use for packing, crating, and handling.

I170 Trade Discount

I260 Transportation Direct Billing

Use for non-premium transportation.

Not Used	SAC03	559	Agency Qualifier Code	X	ID 2/2
Code identifying the agency assigning the code values					
Not Used	SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN 1/10
Agency maintained code identifying the service, promotion, allowance, or charge					
Must Use	SAC05	610	Amount	O	N2 1/15
Monetary amount					
Not Used	SAC06	378	Allowance/Charge Percent Qualifier	X	ID 1/1
Code indicating on what basis allowance or charge percent is calculated					
Not Used	SAC07	332	Percent	X	R 1/6
Percent expressed as a percent					
Not Used	SAC08	118	Rate	O	R 1/9
Rate expressed in the standard monetary denomination for the currency specified					
Not Used	SAC09	355	Unit or Basis for Measurement Code	X	ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
Not Used	SAC10	380	Quantity	X	R 1/15
Numeric value of quantity					
Not Used	SAC11	380	Quantity	O	R 1/15
Numeric value of quantity					
Not Used	SAC12	331	Allowance or Charge Method of Handling Code	O	ID 2/2
Code indicating method of handling for an allowance or charge					

Not Used	SAC13	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	SAC14	770	Option Number	O	AN 1/20
			A unique number identifying available promotion or allowance options when more than one is offered		
Not Used	SAC15	352	Description	O	AN 1/80
			A free-form description to clarify the related data elements and their content		

Segment: **CTT Transaction Totals**
Position: 070
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.
Notes: *Use to identify the number of billing lines (IT1 loops).*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
Not Used	CTT02	347	Hash Total	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	
			Example:	
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
Not Used	CTT03	81	Weight	X R 1/10
			Numeric value of weight	
Not Used	CTT04	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	CTT05	183	Volume	X R 1/8
			Value of volumetric measure	
Not Used	CTT06	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	CTT07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **SE** Transaction Set Trailer
Position: 080
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	